

DCEO DEEMED VALUES

ICC Docket 07-0539

Annual kWh Savings Values – Public and Small Retail Sectors

Base Technology	Efficient Technology	Efficient Technology Definition	Annual kWh savings	
			Public Buildings	Retail-Small
2 4' T12 34 watt lamps with magnetic ballast	1 4' T8 32 watt lamps with electronic ballast & reflector	1 4' T* 32 watt lamps	103.4	156.2
2 8' T12 60 watt lamps with magnetic ballast	1 8' T8 59 watt lamps with electronic ballast & reflector	1 8' T* 59 watt lamps	145.9	220.2
40W Incandescent	13 Watt Modular CFL	13 Watt < 800 Lumens - pin based	83.0	100.5
40W Incandescent	13 Watt Integral CFL	13 Watt < 800 Lumens - screw-in	83.0	100.5
60W Incandescent	13 Watt Modular CFL	13 Watt < 800 Lumens - pin based	144.4	175.0
60W Incandescent	13 Watt Integral CFL	13 Watt < 800 Lumens - screw-in	144.4	175.0
60W Incandescent	14 Watt Modular CFL	14 Watt - pin based	141.4	171.3
60W Incandescent	14 Watt Integral CFL	14 Watt - screw-in	141.4	171.3
60W Incandescent	15 Watt Modular CFL	15 Watt - pin based	138.3	167.6
60W Incandescent	15 Watt Integral CFL	15 Watt - screw-in	138.3	167.6
60W Incandescent	16 Watt Modular CFL	16 Watt - pin based	135.2	163.9
60W Incandescent	16 Watt Integral CFL	16 Watt - screw-in	135.2	163.9
60W Incandescent	18 Watt Modular CFL	18 Watt < 1,100 Lumens - pin based	129.1	156.4
60W Incandescent	18 Watt Integral CFL	18 Watt < 1,100 Lumens - screw-in	129.1	156.4
75W Incandescent	18 Watt Modular CFL	18 Watt >= 1,100 Lumens - pin based	175.2	212.3
75W Incandescent	18 Watt Integral CFL	18 Watt >= 1,100 Lumens - screw-in	175.2	212.3
75W Incandescent	19 Watt Modular CFL	19 Watt >= 1,100 Lumens - pin based	172.1	208.5
75W Incandescent	19 Watt Integral CFL	19 Watt >= 1,100 Lumens - screw-in	172.1	208.5
2 4' T12 34 watt lamps with magnetic ballast	2 4' Super T8 28 watt lamps with electronic ballast	2 4' Super T8 28 watt lamps	63.7	96.1
2 4' T12 34 watt lamps with magnetic ballast	2 4' T8 32 watt lamps with electronic ballast	2 4' T8 32 watt lamps	37.1	56.1
2 8' T12 60 watt lamps with magnetic ballast	2 8' Super T8 59 watt lamps with electronic ballast	2 8' Super T8 59 watt lamps	66.3	100.1
2 8' T12 60 watt lamps with magnetic ballast	2 8' T8 59 watt lamps with electronic ballast	2 8' T8 59 watt lamps	37.1	56.1
75W Incandescent	20 Watt Modular CFL	20 Watt - pin based	169.0	204.8
75W Incandescent	20 Watt Integral CFL	20 Watt - screw-in	169.0	204.8
100W Incandescent	23 Watt Modular CFL	23 Watt - pin based	236.6	286.7
100W Incandescent	23 Watt Integral CFL	23 Watt - screw-in	236.6	286.7
75W Incandescent	25 Watt Modular CFL	25 Watt <1,600 Lumens - pin based	153.7	186.2
75W Incandescent	25 Watt Integral CFL	25 Watt <1,600 Lumens - screw-in	153.7	186.2
100W Incandescent	25 Watt Modular CFL	25 Watt >=1,600 Lumens - pin based	230.5	279.3

100W Incandescent	25 Watt Integral CFL	25 Watt >=1,600 Lumens - screw-in	230.5	279.3
75W Incandescent	26 Watt Modular CFL	26 Watt <1,600 Lumens - pin based	150.6	182.5
75W Incandescent	26 Watt Integral CFL	26 Watt <1,600 Lumens - screw-in	150.6	182.5
100W Incandescent	26 Watt Modular CFL	26 Watt >=1,600 Lumens - pin based	227.4	275.6
100W Incandescent	26 Watt Integral CFL	26 Watt >=1,600 Lumens - screw-in	227.4	275.6
100W Incandescent	28 Watt Modular CFL	28 Watt - pin based	221.3	268.1
100W Incandescent	28 Watt Integral CFL	28 Watt - screw-in	221.3	268.1
120W Incandescent	30 Watt Modular CFL	30 Watt - pin based	276.6	335.2
100W Incandescent	30 Watt Integral CFL	30 Watt - screw-in	215.1	260.7
150W Incandescent	36 Watt Integral CFL	36 Watt - screw-in	350.3	424.5
120W Incandescent	40 Watt Modular CFL	40 Watt - pin based	245.8	297.9
150W Incandescent	40 Watt Integral CFL	40 Watt - screw-in	338.0	409.6
200W Incandescent	55 Watt Modular CFL	55 Watt - pin based	445.6	540.0
200W Incandescent	65 Watt Integral CFL	65 Watt - pin based	414.9	502.7

Annual kWh Savings Values – Residential Sector

Base Technology	Efficient Technology	Efficient Technology Definition	Annual kWh savings
40W Incandescent	13 Watt Integral CFL	13 Watt < 800 Lumens - screw-in	23.1
60W Incandescent	13 Watt Integral CFL	13 Watt >=800 Lumens - screw-in	40.1
60W Incandescent	14 Watt Integral CFL	14 Watt - screw-in	39.3
60W Incandescent	15 Watt Integral CFL	15 Watt - screw-in	38.4
60W Incandescent	16 Watt Integral CFL	16 Watt - screw-in	37.6
60W Incandescent	18 Watt Integral CFL	18 Watt < 1,100 Lumens - screw-in	35.9
75W Incandescent	18 Watt Integral CFL	18 Watt >=1,100 Lumens - screw-in	48.7
75W Incandescent	19 Watt Integral CFL	19 Watt >=1,100 Lumens - screw-in	47.8
75W Incandescent	20 Watt Integral CFL	20 Watt - screw-in	47.0
100W Incandescent	23 Watt Integral CFL	23 Watt - screw-in	65.8
75W Incandescent	25 Watt Integral CFL	25 Watt <1,600 Lumens - screw-in	42.7
100W Incandescent	25 Watt Integral CFL	25 Watt >=1,600 Lumens - screw-in	64.1
75W Incandescent	26 Watt Integral CFL	26 Watt <1,600 Lumens - screw-in	41.9
100W Incandescent	26 Watt Integral CFL	26 Watt >=1,600 Lumens - screw-in	63.2
100W Incandescent	28 Watt Integral CFL	28 Watt - screw-in	61.5
100W Incandescent	30 Watt Integral CFL	30 Watt - screw-in	59.8
150W Incandescent	36 Watt Integral CFL	36 Watt - screw-in	97.4
150W Incandescent	40 Watt Integral CFL	40 Watt - screw-in	94.0

Note: Assumed operating hours -- Public sector 3073 hours for CFLs and 2652.5 hours for T8s. Small retail sector 3,724 hours for CFLs and 4,004 hours for T-8s. Residential sector 854 hours for CFLs.

Source: ICF from Database for Energy Efficiency Resources (DEER), 2004-5 Update Study, Final Report, Prepared by Itron for Southern California Edison.

